

Date: Tue, 8 Mar 94 19:58:59 PST  
From: Info-Hams Mailing List and Newsgroup <info-hams@ucsd.edu>  
Errors-To: Info-Hams-Errors@UCSD.Edu  
Reply-To: Info-Hams@UCSD.Edu  
Precedence: Bulk  
Subject: Info-Hams Digest V94 #263  
To: Info-Hams

Info-Hams Digest                      Tue, 8 Mar 94                      Volume 94 : Issue 263

Today's Topics:

                    ARRL server (2 msgs)  
Day.Hamfest remote control for contesting meeting?  
Digest of Articles - QST Feb 1993 (Long - 40k)  
                    help identifying a tube  
                    Need ITU Call Sign Prefix List  
No more FCC Daily Digest postings  
                    PY0FM (2 msgs)  
                    QSL Address for V7A  
                    Standard C5718 New User  
                    Ten-Tec question (2 msgs)  
Testing Procedures (was: Re: Keyboards at testing sessions)  
                    This week on Spectrum 12/03/94  
                    Why no 10 meter activity?

Send Replies or notes for publication to: <Info-Hams@UCSD.Edu>  
Send subscription requests to: <Info-Hams-REQUEST@UCSD.Edu>  
Problems you can't solve otherwise to brian@ucsd.edu.

Archives of past issues of the Info-Hams Digest are available  
(by FTP only) from UCSD.Edu in directory "mailarchives/info-hams".

We trust that readers are intelligent enough to realize that all text  
herein consists of personal comments and does not represent the official  
policies or positions of any party. Your mileage may vary. So there.

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Date: 8 Mar 94 16:07:07 GMT  
From: nprdc!ihnp4.ucsd.edu!agate!msuinfo!netnews.upenn.edu!netnews.noc.drexel.edu!  
yose@network.ucsd.edu  
Subject: ARRL server  
To: info-hams@ucsd.edu

Does anyone know what happened to the ARRL server? I have been trying to  
get files, but haven't gotten anything.

Does anyone have the general exam questions (and higher?)

Please email: j.wetstein@ieee.org

Joe

-----  
Date: 8 Mar 94 11:50:02  
From: ihnp4.ucsd.edu!agate!msuinfo!netnews.upenn.edu!mipg.upenn.edu!  
yee@network.ucsd.edu  
Subject: ARRL server  
To: info-hams@ucsd.edu

>Does anyone know what happened to the ARRL server? I have been trying to  
>get files, but haven't gotten anything.

I believe that the files at the ARRL server are also available at  
ftp.std.com

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Medical Image Processing Group | Conway Yee, N2JWQ  
411 Blockley Hall | EMAIL : yee@mipg.upenn.edu  
418 Service Drive | VOICE : 1 (215) 662-6780  
Philadelphia, PA 19104-6021 (USA) | FAX : 1 (215) 898-9145

-----  
Date: Tue, 8 Mar 1994 06:41:28 GMT  
From: ihnp4.ucsd.edu!swrinde!cs.utexas.edu!math.ohio-state.edu!  
sol.ctr.columbia.edu!caen!malgudi.oar.net!news.ysu.edu!news.cps.udayton.edu!  
dmapub!aponte@network.ucsd.edu  
Subject: Day.Hamfest remote control for contesting meeting?  
To: info-hams@ucsd.edu

anyone interested in discussing remote control for contesting  
as an unschedule informal meeting during the dayton hamfest please  
contact me (jose aponte - kp4uy). I will be working in the speaker &  
forum desk, if not there please leave contact information & interest.  
as a reference there was an article on cq july 93 page 68  
that talks about the servant station. internet can be a land line  
that would carry digitized morse code to be received by master. there has  
been efforts by at&t to carry live packatized voice... anyone care to comment  
on this? a way of doing it with existing tcp/ip? there are other issues on  
how a station on the us can compete with the big guns in remote locations?  
at present cq ssb wpx contest states that the xmitter needs to be connected  
physically to the antenna, at least that was last years rule. so it is  
posible to those rules to operate remotely, right? anyone care to comment?

on rules, interest, ways of doing it?of course you can't move the station around from location to location depending on conditions... but what are the rules for someone operating out an airplane, ship? no flames please because they will not be read or replied to... only constructive comments.. gracias

-----  
Date: 8 Mar 94 20:04:18 GMT  
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!gatech!news-feed-2.peachnet.edu!insosf1.infonet.net!  
usenet.ee.pdx.edu!fastrac.llnl.gov!cronkite.nersc.gov!  
Subject: Digest of Articles - QST Feb 1993 (Long - 40k)  
To: info-hams@ucsd.edu

The digest is too large for my mailer to digest. Can someone put this on an FTP or Gopher somewhere?

Tks  
Greg WA9EYY

-----  
Greg Chartrand

    \_/\_/\_/          \_/\_/\_/          \_/\_/\_/          \_/\_/\_/  
    \_/\_          \_/\_          \_/\_          \_/\_          \_/\_  
    \_/\_  \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_/\_/\_/  \_/\_  \_/\_/\_/\_/  
    \_/\_          \_/\_          \_/\_          \_/\_          \_/\_  
    \_/\_/\_/\_/  \_/\_          \_/\_  \_/\_/\_/\_/  \_/\_/\_/\_/

-----  
Date: 8 Mar 94 23:15:23 GMT  
From: nprdc!ihnp4.ucsd.edu!sdd.hp.com!nigel.msen.com!ilium!rcsuna.gmr.com!  
rcsuna.gmr.com!vbreault@network.ucsd.edu  
Subject: help identifying a tube  
To: info-hams@ucsd.edu

I just got a high power tube and am wondering what it's characteristics might be. It's an Eimac 3CW20 000A7. If it's worth something to someone I may consider selling it, but it will make a great conversation piece in the event no one does.

For what it's worth: I also have the filament transformer (6V 100A), blower and socket. It is mounted in it's socket.

--  
Val Breault - N80EF - vbreault@gmr.com   \       /|  
Instrumentation dept GM NAO R&D Center   \   / |  
My opinions are not necessarily those of   \ /\_\_|

GMR nor of the General Motors Corporation \ / |\_\_\_

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Date: Tue, 8 Mar 1994 16:30:53 GMT  
From: news.crd.ge.com!islandgirl!gaus@cs.rochester.edu  
Subject: Need ITU Call Sign Prefix List  
To: info-hams@ucsd.edu

Hello all,

Does anyone have an up-to-date list of ITU call sign prefixes?  
If so, could you please send it to me by email.

Thanks,

Rick Gaus  
WA3INC

-----  
Date: 8 Mar 94 07:03:11 GMT  
From: nprdc!ihnp4.ucsd.edu!swrinde!sgiblab!wetware!spunky.RedBrick.COM!psinntp!  
psinntp!pixar!bruce@network.ucsd.edu  
Subject: No more FCC Daily Digest postings  
To: info-hams@ucsd.edu

bruce@pixar.com (Bruce Perens) writes:

> Since the FCC Daily Digests are now available via anonymous FTP to  
> FCC.GOV, I won't be posting any more of them to this newsgroup.

landisj@drager.com (Joe Landis - System & Network Mgr) replies:

> Myself, and many others I'm sure, do not have FTP available, and would  
> like to see your posts of the digests continue.

The system manager at FCC.GOV said he'd eventually set up a mailing list for people who don't have FTP and want the digest. Until then, I'm not getting in the way if someone else wants to FTP the digest and post it or e-mail it to those who don't have FTP. I've achieved my goal of getting you to understand the importance of following the FCC's daily business.

Once the FCC.GOV FTP archive went on line, I took the time I was using for the digest postings and started the ARRL-policy mailing list. That's worked out very well so far - many ARRL volunteer staff and paid employees are on the list so we're arriving at some real understanding

instead of the bluster that goes on in rec.radio.amateur.policy .

I'm also running the mailing lists for the Debian distribution of Linux, and I'm building a 9600-baud bit-regenerating packet repeater for the San Francisco Bay area, and I'm being a Newlywed, and I have a job at Pixar. Did you see the restored version of "Snow White", or the lack of seams in the cones of "The Coneheads"? I wrote some of that software. So someone else please distribute the Digests to the people who don't have FTP!

Thanks

Bruce Perens

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Date: 9 Mar 94 04:00:23 GMT  
From: news-mail-gateway@ucsd.edu  
Subject: PY0FM  
To: info-hams@ucsd.edu

Scott Rosenfeld writes:

>Worked PY0FM ....

....

>1)PY0FM - which island group and how to get a card?

Scott

PY0F is Fernando de Noronha island valid as DXCC land. PY0FM is certainly a guest on the island. The only local station is PY0FF (Andre) that has guested many station during contests. See Call Book.

73 de Rogerio, PT2TD

University of Brasilia

Brasilia, Brazil

F. ROGERIO F. ARAGAO  
Departamento de Fisica - UnB  
E-MAIL R\_ARAGAO@BRUNB.BITNET  
Acknowledge-To: <R\_ARAGAO@BRUNB>

-----  
Date: 8 Mar 94 20:36:58 GMT  
From: nprdc!ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!  
howland.reston.ans.net!cs.utexas.edu!gerald.cc.utexas.edu!astro.as.utexas.edu!  
oo7@network.ucsd.edu  
Subject: PY0FM  
To: info-hams@ucsd.edu

eckman@eos1.larc.nasa.gov (Richard Eckman) asks:

>>Yes, I heard him on 10 meters this weekend and he said "via PY5CC".  
>>Then again, I tried this route over a year ago and never received a  
>>response (for a direct QSL request). Has anyone ever had any luck  
>>with this route?

Yes, I got a card with no problem for last year's ARRL-ssb contest,  
with the same call and QSL route. It's advisable to send \$2 for  
PY, their mailing costs are pretty high.

Derek Wills (AA5BT, G3NMX)  
Department of Astronomy, University of Texas,  
Austin TX 78712. (512-471-1392)  
oo7@astro.as.utexas.edu

-----  
Date: 8 Mar 94 19:42:23 GMT  
From: nprdc!ihnp4.ucsd.edu!sdd.hp.com!col.hp.com!csn!server!stortek.com!  
patrick\_tatro@network.ucsd.edu  
Subject: QSL Address for V7A  
To: info-hams@ucsd.edu

Can anybody provide me with a QSL address for V7A. I logged him on 28.414Mhz  
on 3/5/94 at 2050 UCT but didn't get a QSL address.

Thanks for your help

73's  
Pat NOWCG

-----  
Date: 8 Mar 94 05:49:00 GMT  
From: ihnp4.ucsd.edu!swrinde!gatech!news-feed-2.peachnet.edu!concert!  
news.duke.edu!duke!wolves!psybbs!fredmail@network.ucsd.edu  
Subject: Standard C5718 New User  
To: info-hams@ucsd.edu

Hello ALL,

I have just purchased and received the new Standard C5718 Dual Bander  
Mobile Radio and was wondering if there are any others out there with  
one?

I would like to correspond with you and compare notes on any problems

and/or fixes you may have encountered.

I have found one so far....The Cross-Band Repeat feature only seems to work if I do not set a plus or minus offset for cross-banding into another repeater. I called Standard and they said that they have a upgrade chip that they will install at no charge.

Has anyone else had similar or any other type of problems?

Thanks,  
Bill, KD4LLQ  
Raleigh, NC

---

X OLX 2.1 TD X Nothing is so simple that it can't get screwed up.  
X OLX 2.1 TD X All hope abandon, ye who enter messages here.

-----  
Date: 8 Mar 1994 15:37:03 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!europa.eng.gtefsd.com!news.umbc.edu!  
haven.umd.edu!cville-srv.wam.umd.edu!ham@network.ucsd.edu  
Subject: Ten-Tec question  
To: info-hams@ucsd.edu

In article <199403081458.GAA03204@ucsd.edu>,

Ron D. Rossi <rrossi@vnet.IBM.COM> wrote:

>I recently purchased a TEN-TEC Omni-D and the thing works great. I'm  
>having a good deal of fun making contacts temporarily using my ~80 foot  
>dog run as a wire antenna (usually low power and definitely with no  
>dog attached). The rig came with all the filters, but no noise blanker.  
>I am new to this game and wondered what the noise blanker would buy me.  
>The filters really let me single out the CW ops in a crowd (but they need  
>to be relatively strong). I am guessing the noise blanker would be of  
>better use with SSB. By virtue of its name I would say the blanker  
>reduces the background static. Am I far wrong and is this a useful  
>feature on this rig?

>

My experience with noise blankers has been that they have virtually no effect on background noise. After all, this IS random noise. What it does work on in PERIODIC noise, such as a car's ignition system, or the static coming from a blender plugged into the socket in the next room, or various kinds of periodic pulse noise.

Scott NF3I

It can be useful, but using in plain, old 80 meter noise can actually distort your desired signal.

— —

73,                   -----                   The  
          \ / Long       Original  
Scott Rosenfeld   Amateur Radio NF3I   Burtonsville, MD |   Live     \$5.00  
          WAC-CW/SSB   WAS   DXCC - 125 QSLed on dipoles -----|   Dipoles! Antenna!

Date: 8 Mar 94 17:17:57 GMT  
From: netcomsv!netcomsv!bongo!julian@decwrl.dec.com  
Subject: Ten-Tec question  
To: info-hams@ucsd.edu

In article <199403081458.GAA03204@ucsd.edu> rrossi@vnet.IBM.COM (Ron D. Rossi) writes:

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>The rig came with all the filters, but no noise blanker.  
>I am new to this game and wondered what the noise blanker would buy me.  
>The filters really let me single out the CW ops in a crowd (but they need  
>to be relatively strong). I am guessing the noise blanker would be of  
>better use with SSB. By virtue of its name I would say the blanker  
>reduces the background static. Am I far wrong and is this a useful  
>feature on this rig?

The noise blander reduces impulse noise. The sort of noise generated by mopeds, lawn mowers, electric fences etc. This is a nice feature on a mobile rig. If you live in an RF quiet neighbourhood, you don't need it.

I have an Omni D with the noise blanker. I use it in rural Wisconsin. I have played with the noise blanker, but have never needed it.

— —

Julian Macassey, N6ARE julian@bongo.tele.com Voice: (310) 659-3366  
Paper Mail: Apt 225, 975 Hancock Ave, West Hollywood, California 90069-4074

Date: 8 Mar 1994 13:52:34 GMT  
From: slinky.cs.nyu.edu!longlast.cs.nyu.edu!jackson@nyu.arpa  
Subject: Testing Procedures (was: Re: Keyboards at testing sessions)  
To: info-hams@ucsd.edu

|> Once he gets the multiple choice test sheet, I feel that the  
|> candidate should not be allowed to submit his sheet for 1



|> minute copy.

Now, I'm just studying at this point, but I thought the standard testing procedures, if there are any, shows that an applicant attempts to answer 10 questions. If they get less than 7 correct, then the tester looks at the copy sheet to look for solid copy. Maybe we are in the same boat with my guess that back-filling should go on before the test sheet is given.

--

Steven Jackson  
Assistant to the Chair of Comp Sci      Courant Inst. of Mathematical Sciences  
jackson@cs.nyu.edu, jcksnte@acfccluster      251 Mercer St, Room 411, NY 10012  
"Not in my head.. so I don't have to think.." -- Nik Fiend

-----

Date: 8 Mar 1994 23:03:52 +0800  
From: ihnp4.ucsd.edu!munnari.oz.au!news.uwa.edu.au!uniwa!garion.it.com.au!  
garion.it.com.au!postmaster@network.ucsd.edu  
Subject: This week on Spectrum 12/03/94  
To: info-hams@ucsd.edu

[The original had the date back to front]

This week Spectrum takes to the road. We will be broadcasting live from the Winter Swl Fest in Kulpsville Pennsylvania. Everyone who is anyone in the communications hobbyist community will be on hand. If you can make it we would love to shake your hand. If you can't join in on the fun in person, you can listen to our live broadcast at the usual times and frequencies. See you at the Winter Swl Fest '94.

--

Spectrum airs live Sunday at 0300 UTC (2200 EST Saturday) on:

WWCR, 5810 KHz, Nashville, TN (World Wide)  
WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)  
KHNC, 1360 AM, Denver, CO (Denver Area)  
Omega Radio Network, Galaxy III, X17, 5.8 MHz WIDE audio. (Satellite)

Spectrum is rebroadcast:

Sunday at 1500 EST, on WIFI, 1460 AM, Philadelphia, PA (Philadelphia Area)  
Monday at 0400 UTC (2300 EST Sunday),  
on WWCR, 7435 KHz, Nashville, TN (World Wide)

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spectrum@overleaf.com, askspectrum@attmail.com, spectrumshow@genie.geis.com

+1 800-787-SPECTRUM, +1 908-671-4209

-----  
Date: 8 Mar 94 19:05:53 GMT  
From: nprdc!ihnp4.ucsd.edu!dog.ee.lbl.gov!newshub.nosc.mil!news!  
Roger.Keating@network.ucsd.edu  
Subject: Why no 10 meter activity?  
To: info-hams@ucsd.edu

Sunday, here in San Diego, W6RDF was QSOing with Pitcairn Island.

10m is open more than I would expect.

Roger Keating - KD6EFQ

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Date: Tue, 8 Mar 1994 14:31:41 GMT  
From: ihnp4.ucsd.edu!swrinde!emory!wa4mei!ke4zv!gary@network.ucsd.edu  
To: info-hams@ucsd.edu

References <rohvm1.mah48d-280294100619@136.141.220.39>,  
<2MAR199408091550@nssdca.gsfc.nasa.gov>, <2lg5vo\$err@news.delphi.com>  
Reply-To : gary@ke4zv.atl.ga.us (Gary Coffman)  
Subject : Re: Keyboards at testing sessions

In article <2lg5vo\$err@news.delphi.com> mahjmac@news.delphi.com  
(MAHJMAC@DELPHI.COM) writes:

>>Just couldn't resist adding to his thread. Copying by typewriter has been  
>>around for as long as there have been typewriters. Even the FCC when it  
>>gave the test would let you bring a typewriter. The computer is just the  
>>late 20th century typewriter. The object really is to demonstrate the  
>>ability to receive code at the required level. The mechanism by which you  
>>(as distinct from some computer program) write down the code is immaterial  
>>and not germane to the testing of code proficiency. Not even the FCC is  
>>requiring a handwriting proficiency test at a particular speed.

>

>>Erich

>>N3OXM

>

>As I was learning the code, I developed an application that would sound random  
>letters, numbers, or pro-signs, and I would then press the proper key on the  
>keyboard. As a high speed touch typist (> 120 wpm) I found that after a  
>while, my fingers were conditioned to pressing a certain key in response to  
>a certain audible pattern. When I then began attempting to write down  
>what I heard, instead of hitting a key, I discovered that I was not nearly  
>as proficient as I was on the keyboard.

That's what the military and commercial operators discovered too. Copying with a typewriter is much faster than copying by hand. That's why they \*teach\* the Code that way, and why intercept operators always copy with a keyboard. Note that what they want is an accurate and legible copy of what was sent. Since most intercepted traffic is encoded, and most commercial traffic heavily abbreviated and filled with "commercial codes", flawless copy is mandatory or all meaning could be lost. That's what the FCC wants on the test too, though the current amateur test doesn't require zero errors, just one minute out of five perfect copy, or the answers to the multiple choice questions as the case may be. That level of performance would wash you out at military or commercial levels of required accuracy.

Copying in the head isn't real copy, but it's what some hams do on the air. That's because their communications content isn't important enough to require perfect or permanent copy, and because they can "fill in the blanks" from plain English context and from the standard amateur QSO format. That wouldn't do if artillery coordinates were being sent.

>But, you bring up an even different point. If the only goal is to make  
>certain people are proficient in code, no matter what the means, then why  
>couldn't a decoding device that takes audible morse and converts it into  
>text be allowed. In under a week I could develop a program for the Sound  
>Blaster or other audio cards that could do exactly that.

>

>It would be no different than a person who can only decode morse if they have  
>a typewriter or other keyboard device available. It seems to me that in this  
>day and age, it is so easy to develop inexpensive devices that could decode  
>morse, that the only reason to keep the test is to be certain people are  
>proficient in reading and writing without devices to assist them.

Actually, I think you'll find that your Sound Blaster code wouldn't do a very good copying job on normal, noisy, interference filled, HF channels. It's possible to exceed human Morse copying ability with DSP and/or massive processing, but it's neither simple nor cheap to do it in real time now. That's because Morse is an irregular code with non-uniform element lengths, spacings, and character lengths. It's also normally sent by incoherent on/off keying. Machines can easily exceed trained humans in flawlessly copying signals buried in noise and interference when the encoding is uniform and coherent, but Morse is not a good code in those respects. It was designed, rather haphazardly, in an era before a good understanding of information theory existed. And it was designed for use on essentially noiseless and interference free wire lines. It's use over radio is more of a historical accident than an intelligent choice.

Gary

--

Gary Coffman KE4ZV		You make it,		gatech!wa4mei!ke4zv!gary
Destructive Testing Systems		we break it.		uunet!rsiatl!ke4zv!gary
534 Shannon Way		Guaranteed!		emory!kd4nc!ke4zv!gary
Lawrenceville, GA 30244				

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Date: Tue, 8 Mar 1994 22:02:22 GMT  
From: ihnp4.ucsd.edu!library.ucla.edu!csulb.edu!paris.ics.uci.edu!  
news.claremont.edu!kaiwan.com!wetware!spunky.RedBrick.COM!psinntp!psinntp!relay1!  
rsvl\_ns!ernie!rsvl.unisys.com!wilpwr@network.UCSD  
To: info-hams@ucsd.edu

References <2MAR199408091550@nssdca.gsfc.nasa.gov>, <2lg5vo\$err@news.delphi.com>,  
<1994Mar8.143141.29301@ke4zv.atl.ga.us>  
Subject : Re: Keyboards at testing sessions

In article <1994Mar8.143141.29301@ke4zv.atl.ga.us> gary@ke4zv.atl.ga.us (Gary Coffman) writes:

>From: gary@ke4zv.atl.ga.us (Gary Coffman)  
>Subject: Re: Keyboards at testing sessions  
>Date: Tue, 8 Mar 1994 14:31:41 GMT

> Since most intercepted traffic is encoded, and most commercial  
>traffic heavily abbreviated and filled with "commercial codes", flawless  
>copy is mandatory or all meaning could be lost. That's what the FCC wants  
>on the test too, though the current amateur test doesn't require zero errors,  
>just one minute out of five perfect copy, or the answers to the multiple choice  
>questions as the case may be. That level of performance would wash you out at  
>military or commercial levels of required accuracy.

I seem to remember that back when I took my 13 wpm code test in the FCC  
offices in NYC, the receiving portion of the test required only one solid  
minute out of five or so. I don't remember whether the text was plain or  
code groups. Of course, there was also a sending test, using a straight key.

It was 1960 or 1961, I was in high school, and intimidated by all the glory  
and grandeur of the Federal Gummint, so my memory may not be very accurate.  
The point is that, at least at that time, the FCC didn't require 100% accuracy  
for the entire test session, just a burst.

73,  
Bill.

Bill Powers WY0Q <wilpwr@rsvl.unisys.com>  
<powe0040@gold.tc.umn.edu>  
UNISYS Corp.

MS 4033                                      Phone: [612] 635-5267  
P.O. Box 64942                              FAX:    [612] 635-7523  
St. Paul, MN 55164-0942

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End of Info-Hams Digest V94 #263

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